Jean Tom is the Director of Development Engineering, Chemistry Development in the Product Development organization at Bristol-Myers Squibb, where she leads a group of chemical engineers focused on development of chemical processes to synthesize small-molecule drug candidates. Her team generates process knowledge through lab experimentation, modeling and data visualization, and scale-up activities to enable technology and process transfer to manufacturing. Prior to joining BMS in 2006, Jean spent 19 years at Merck Research Laboratories. During that time, she held positions overseeing process development, pilot plant operations and technology transfer. She has had a role in 12 pharmaceutical products from Merck and BMS now in the market.

She received B.S. and M.S. degrees from the Massachusetts Institute of Technology and her Ph.D. from Princeton University in Chemical Engineering. She is currently the Chair of the Enabling Technologies Consortium (ETC), a consortium of 12 pharmaceutical working in the pre-competitive space for CMC technology development. Jean also is active in AIChE, where she has chaired the Chemical and Technology Operating Council and contributed to the Pharmaceutical Discovery, Development and Manufacturing Forum. She is an AIChE Fellow and recipient of the AIChE Industrial Leadership Award (2018). In 2019, she was elected to the National Academy of Engineering for leadership in the process development of multiple commercialized drugs. She contributes to the academic community through her service to ABET, external advisory committees for several chemical engineering departments; and the editorial board of the Annual Review of Chemical and Biomolecular Engineering.